

AMENDMENTIn the Specification:

Please delete the Sequence Listing of the application as originally filed and substitute therefor new pages 1 through 12, enclosed herewith, which comprises a substitute Sequence Listing.

At page 4, line 21, after "AAGG-3'" and before the comma, please insert --(SEQ ID NO: 28)--.

At page 5, line 1, after "AAGG-3'" insert --(SEQ ID NO: 51)--.

At page 10, line 16, after "TCAC-3'" please insert --(SEQ ID NO: 36)--.

At page 47, line 19, after "UCAC-3'" please insert --(SEQ ID NO: 47)--.

At page 47, line 20, after "UCAC-3'" please insert --(SEQ ID NO: 50)--.

At page 62, line 17, under the header "SEQ ID NO:" in Table 7, please delete "28" and insert in its place --36--.

REMARKS

The Applicants request entry of the foregoing amendments to correct the Sequence Listing filed as part of the original specification in the above-identified application. Accompanying this amendment is a substitute Sequence Listing in both computer readable and paper forms, along with a Statement Pursuant to 37 C.F.R. §1.825 that the disclosures

in the computer readable and paper forms are the same and do not introduce new matter into the disclosure of the application.

The sequences set forth in SEQ ID NOs. 1-49 of the original and substitute Sequence Listing are identical and, therefore, no new matter has been introduced with respect to these sequences.

The changes embodied in substitute Sequence Listing pertain only to compliance with formatting rules. The substitute Sequence Listing has been prepared using PatentIn Version 2.0. The new Sequence Listing corrects the "general information" section of the Sequence Listing. In particular, the current application information has been added to recite a current application number (09/541,848) in the <140> field; current filing date (2000-04-03) in the <141> field; and prior application information has been added to recite serial numbers (09/383,507; 09/073,567; and 08/916,834) in the <150> field and filing dates (1999-08-26; 1998-05-06; 1997-08-22) in the <151> field, to conform with the requirements set forth in §1.823(b). This change is consistent with the priority as claimed in the first sentence of the specification. Also, the sequences set forth in SEQ ID NOs. 1-51 have been described in the <220> to <223> fields. Furthermore, the substitute Sequence Listing contains new SEQ ID NO:50 and SEQ ID NO: 51 to comply with the requirements set forth in §1.821(c) and (d). New SEQ ID NO:50 finds support at page 47, line 20 and new SEQ ID NO: 51 finds support at page 5, line 1 of the

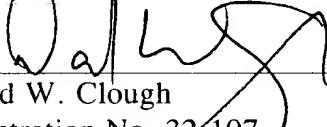
specification as filed.

The Commissioner is hereby authorized to charge any deficiency in the amount enclosed or any additional fees which may be required during the pendency of this application under 37 CFR 1.16 or 37 CFR 1.17 to Deposit Account No. 13-2855.

Respectfully submitted,

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